

19980619.qrp v01_n127.qrs.980619

Date: Fri, 19 Jun 1998 19:03:06 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 1127

QRP-L Digest 1127

Topics covered in this issue include:

- 1) [13389] Sierra update info request...
by Mike Parkes <ab7ru@yahoo.com>
- 2) [13390] Re: Sierra update info request...
by "Hugo W. Catta" <hugo@banet.net>
- 3) [13391] GAP Antennas
by "Douglas L Datwyler" <datwyler@aros.net>
- 4) [13392] NORCAL & FISTS Logos - Thanks
by "Mike Rhodes" <weightdn@bright.net>
- 5) [13393] re: the original bazooka dipole ?
by ka1iic <ka1iic@ime.net>
- 6) [13394] re: not quite QRP but...
by ka1iic <ka1iic@ime.net>
- 7) [13395] Anyone from qrp-l on Cape Cod?
by Kevin Walker <KB9NUN@compuserve.com>
- 8) [13396] Re: Peanut whistle URL
by donroher@juno.com (DONALD I ROHER)
- 9) [13397] FD List II
by camqrp@cyberg8t.com (Cam Hartford)
- 10) [13398] CQ QRP No. Carolina!
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 11) [13399] Re: TV ads, braising aluminum
by donroher@juno.com (DONALD I ROHER)
- 12) [13400] [Fwd: Re: TV ads, braising aluminum]
by W7LS <w7ls@blarg.net>
- 13) [13401] The NorCal Toon Contest
by Jerry Parker <jparker@fix.net>
- 14) [13402] VAMISTOR--the Quest Continues
by Russ Garner <71544.1645@compuserve.com>
- 15) [13403] RE: FOOMAC in Log
by aweiss@usd.edu (A. Weiss)
- 16) [13404] FS/swap: HW-9 matching noise bridge
by W7LS <w7ls@blarg.net>
- 17) [13405] Help, HW-8 dead!
by "Ron Polityka" <wb3aal@talon.net>
- 18) [13406] Re: Peanut whistle URL
by K4AHK@ix.netcom.com
- 19) [13407] Correction to Important GPS info and roll over date/

- by k5gq@juno.com (C M Tyler)
- 20) [13408] Re: calling CQ
by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
- 21) [13409] Re: the original bazooka dipole ?
by Zack Lau <zlau@arrl.org>
- 22) [13410] Need LM3900 for HW8
by Lauri_Frank_J@bns.att.com
- 23) [13411] Bands dead?
by W9SUL <pugrad@millcomm.com>
- 24) [13412] Coordinate conversion - Thanks
by "Rich Dailey, KA8OKH" <ka8okh@som-uky.campus.mci.net>
- 25) [13413] CIRCAD ignorance
by David Shalita <af389@lafn.org>
- 26) [13414] LONG WIRE INFO
by ARDUJENSKI@aol.com
- 27) [13415] "ohr" <qrp@ohr.com>: Re: OHR 500?
by ab5uacw@juno.com (Clifton W Sikes)
- 28) [13416] Field Day
by Don Bowen <don.bowen@chrysalis.org>
- 29) [13417] Re: Correction to Important GPS info and roll over date/
by RangerSF5@aol.com
- 30) [13418] Re: the original bazooka dipole ?
by "George T. Baker" <w5yr@swbell.net>
- 31) [13419] RE: Bands dead?
by "James C. Owen, III" <owen@piper.eeel.nist.gov>
- 32) [13420] Product Announcement: The SuperTiCK
by "g.diana" <embres@frontiernet.net>
- 33) [13421] Tuning tool
by Tellefsen Bob-CNSE97 <cnse97@lmpsilo2.comm.mot.com>
- 34) [13422] small Gelcel
by Derek Brown <DBrown@RFMD.com>
- 35) [13423] Re: Tuning tool
by Michael Neverdosky <MichaelN@cycat.com>
- 36) [13424] BFO Levels/Filter Band Pass Ripple
by "James R. Duffey" <ji3m@maxwell.com>
- 37) [13425] re: the original bazooka dipole ? & QRP
by Monte Stark <ku7y@dri.edu>
- 38) [13426] Re: calling CQ
by Ed Loranger <we6w@qsl.net>
- 39) [13427] Re: Tuning tool
by Ed Loranger <we6w@qsl.net>
- 40) [13428] Re: who what is Rv1 call?
by "dave r" <elim@ime.net>
- 41) [13429] Re: Bands dead?
by jaywa5whn@juno.com (Jay D Miller)
- 42) [13430] DEAD BAND SYNDROM
by ARDUJENSKI@aol.com
- 43) [13431] Re: the original bazooka dipole ? & QRP

- by Ed Loranger <we6w@qsl.net>
- 44) [13432] Firs Homebrew Rig (80m)
by Steven Ciciora <scicior@uswest.com>
- 45) [13433] International QRP Day
by "Frank G3YCC" <g3ycc@g3ycc.prestel.co.uk>
- 46) [13434] Non-Radio but geeky
by Brad Mugleston <bmug@gwl.com>
- 47) [13435] RE: small Gelcel (HSC)
by Conrad <radman@best.com>
- 48) [13436] Dan's Small Parts
by "Eugene Hall" <evhall@ix.netcom.com>
- 49) [13437] Elmer 101 Crystals
by "C. Lamar Derk" <n3at@epix.net>
- 50) [13438] THE QRP SPIRIT
by "Kelly Ellison" <kelman@dialnet.net>
- 51) [13439] AR QRP 40M net
by Jim <kj5tf@madisoncounty.net>
- 52) [13440] Tuned Feeders
by hartzler <hartzler@abcs.com>
- 53) [13441] Re: Elmer 101 Crystals
by Michael Maiorana <mikemo@ibm.net>
- 54) [13442] Antennas West
by Bob Hightower <ki7mn@dancris.com>
- 55) [13443] WHEW!!!Many thanks
by RangerSF5@aol.com
- 56) [13444] 6m info
by Richard Sherman <srichard@aldus.northnet.org>
- 57) [13445] Tuned Feeders
by Steve <smann@advi.net>
- 58) [13446] FS: British Westclox 3 terminal key
by W7LS <w7ls@blarg.net>
- 59) [13447] OHR Explorer II 30 Meter CW XCVR KIT - UNBUILT
by "Brian K. Short" <bshort@speedchoice.com>
- 60) [13448] FS: Built (and working) 38 Special
by "Brian K. Short" <bshort@speedchoice.com>
- 61) [13449] Re: Peanut whistle URL
by donroher@juno.com (DONALD I ROHER)
- 62) [13450] Re: Help, HW-8 dead!
by donroher@juno.com (DONALD I ROHER)
- 63) [13451] Re: Help, HW-8 dead!
by David Feldman <dgf@netcom.com>
- 64) [13452] AC6XK Cleans Up in Top of the World!
by "Russ Carpenter" <russ@natworld.com>
- 65) [13453] F.S.-2m beam, Archerotor
by w0yse@juno.com (Neil Klagge)
- 66) [13454] FS: PCB for 20W Low Distortion Linear Amplifier
by "Ed Pacyna" <pacyna@worldnet.att.net>
- 67) [13455] FS: MFJ 815B SWR/Power Meter

by "Ed Pacyna" <pacyna@worldnet.att.net>
68) [13456] Re: AC6XK Cleans Up in Top of the World!
by Bill Jones <kd7s@psnw.com>
69) [13457] FS: Antenna tuner
by "Ed Pacyna" <pacyna@worldnet.att.net>
70) [13458] Re: Calling CQ and deep meanings.
by FrConrad@aol.com
71) [13459] Field Day with the K2 - an invitation
by Wayne Burdick <n6kr@elecraft.com>
72) [13460] Re: OHR Explorer II 30 Meter CW XCVR KIT - UNBUILT
by David J Adams <adamsclan@netgate.net>

Date: Thu, 18 Jun 1998 13:49:50 -0700 (PDT)
From: Mike Parkes <ab7ru@yahoo.com>
To: qrp-l@Lehigh.EDU
Subject: [13389] Sierra update info request...
Message-ID: <19980618204950.17778.rocketmail@send1a.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I am just now (after a year of procrastinating!) getting started building my Sierra, and was curious if there have been any updates or revisions to the kit/manual over the last year? My manual has 4 changes to it, listed on a seperate sheet of paper, and a VFO alignment note. Anyone with more changes than this?

Also, has anyone taken the time to compile whatever "mods" can be made to the Sierra? It would be great to be able to find that in one place (although maybe there aren't that many mods?...)

Thanks for any help...looking forward to getting this on the air soon...

-Mike AB7RU
Newman Lake, WA

DO YOU YAHOO!?
Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Thu, 18 Jun 1998 19:52:16 -0400
From: "Hugo W. Catta" <hugo@banet.net>
To: ab7ru@yahoo.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [13390] Re: Sierra update info request...
Message-ID: <3589A830.AA502625@banet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mike:

I have the revision "D" of the Sierra. I guess it is the latest since I bought mine just a few months ago from Wilderness.
If It is of any value to you, I could send you all the mail from this reflector refering to the Sierra since last December in one big compressed file, since I put a filter in my mail program around Dec 18, 1997.
Or... if you are just interested in the "most popular mods" like the MRF237, NTE342 power mod, output xrfmr replacing L10 and tweaking of the output LPFs, let me know and gladly I'll detail what I've done to mine for you.
I can get fom 2.8 in 15M to 6.2 Watts out in 80M with 12.6V.

72
Hugo
CX9AAK/W2

Mike Parkes wrote:

> I am just now (after a year of procrastinating!) getting started
> building my Sierra, and was curious if there have been any updates or
> revisions to the kit/manual over the last year? My manual has 4
> changes to it, listed on a seperate sheet of paper, and a VFO
> alignment note. Anyone with more changes than this?
>
> Also, has anyone taken the time to compile whatever "mods" can be made
> to the Sierra? It would be great to be able to find that in one place
> (although maybe there aren't that many mods?...)
>
> Thanks for any help...looking forward to getting this on the air soon...
>
> -Mike AB7RU
> Newman Lake, WA
>
>
> -----
> DO YOU YAHOO!?

> Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Thu, 18 Jun 1998 18:39:07 -0600
From: "Douglas L Datwyler" <datwyler@aros.net>
To: <qrp-1@Lehigh.EDU>
Subject: [13391] GAP Antennas
Message-ID: <01bd9b1a\$ab2510f0\$4918adcf@datwyler>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I would like to thank everyone for the VERY GOOD discussion about GAP antennas. This looks to be the direction to go for my smaller lot, and to get a bit more DX. Now for my ship to come in so I can get one.

Doug WR70

Date: Thu, 18 Jun 1998 21:02:34 -0400
From: "Mike Rhodes" <weightdn@bright.net>
To: "C W Reflector" <cw@qth.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [13392] NORCAL & FISTS Logos - Thanks
Message-ID: <01bd9b1d\$f19b8520\$LocalHost@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Many many thanks to all the kind folks who have helped out in my quest for black and white logo files for these two organizations. I have received many files and hints on how to convert them and where to look.

I am pleased to announce that a black and white version of the NORCAL logo will soon be available on their web page. Maybe the button and key images for FISTS can be added to their web pages too??? If the FISTS webmaster does not have the files, I would be more than happy to forward them to the appropriate place.

Again, thanks to all for the assistance and 72/73 de

Mike / W8DN

Date: Thu, 18 Jun 1998 22:01:28 -0700
From: ka1iic <ka1iic@ime.net>
To: qrp-1@Lehigh.EDU
Subject: [13393] re: the original bazooka dipole ?
Message-ID: <3589F0A8.27AB@ime.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Everyone,

Can anyone give me information about the 'original' bazooka antenna
designs developed by Bell Labs for radar purposes?

I don't mean the one that uses open wire (ladder) line at each end but
the one that was made totally out of coax.

Thanks in advance.

73
Vince
ka1iic

Date: Thu, 18 Jun 1998 21:57:04 -0700
From: ka1iic <ka1iic@ime.net>
To: qrp-1@Lehigh.EDU
Subject: [13394] re: not quite QRP but...
Message-ID: <3589EF9F.7F8C@ime.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Everybody,

This is not quite QRP but it is...

I had a small computer system given to me and I'd like to have it ready to operate with my QRP station for emergency communications purposes.

It's a neat little system but I need the power supply information (it's external).

The unit is a Alpha Microsystems model number AM920 386sx20EF

The power plug is a 8 pin DIN connector, only 2 of the pins are used (not including ground, case of DIN).

I think one of the lines is +12 volts and the other is 5 volts + or -? and ground but I'm not sure and I don't want to try a 'smoke' test. HI HI

Any help would be greatly appreciated.

Vince
ka1iic

Where the great horned owl sets on the center insulator of the 20 meter Vee beam.

Date: Thu, 18 Jun 1998 22:27:25 -0400
From: Kevin Walker <KB9NUN@compuserve.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [13395] Anyone from qrp-l on Cape Cod?
Message-ID: <199806182227_MC2-40AE-53F7@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain; charset=ISO-8859-1
Content-Disposition: inline

Just thought I'd ask if anyone from the list was on Cape Cod. I will be =
in
Eastam from the 26th of June till the 4th of July. Planning to bring my
OHR-100a for 30m and hopefully my SW-40+ if I get it done. It would be
great to get a eyeball on someone while I was there.

=46rom the Cape I will be staying at my in-laws in Bridgeport, CT before heading back home to Chicago.

Reply privately.

73,

Kevin KB9NUN

Date: Sun, 14 Jun 1998 14:49:21 -0700
From: donroher@juno.com (DONALD I ROHER)
To: RangerSF5@aol.com
Cc: qrp-1@Lehigh.EDU
Subject: [13396] Re: Peanut whistle URL
Message-ID: <19980618.195154.6558.2.DONROHER@juno.com>

www.glr.com/peanut/.....

gud luk de nl7qt

On Sun, 14 Jun 1998 11:43:40 EDT RangerSF5@aol.com writes:
>Need more help guys and y1's
>Some one *E* mailed me a URL for a transmitter called the <P-nut
>whistle>.
>I tried the URL but all I received was information on web site
>marketing.
>This Item is supposed to be an already to go unit for \$20.00
>I never heard of it but the person who sent me the info said he
>ordered two of
>them.
>Thanks in advance
>Bob
>WA2HOQ
>ps:
>Thanks to all who responded with all the help in regards to the fax
>machine.
>It's perking away FB.
>
>

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Date: Thu, 18 Jun 1998 19:54:37 -0700 (PDT)
From: camqrp@cyberg8t.com (Cam Hartford)
To: qrp-1@Lehigh.EDU
Subject: [13397] FD List II
Message-ID: <199806190254.TAA05290@key.cyberg8t.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Here's an update of the QRP groups going out for the big event.=20

All it takes to enter the Milliwatt FD Trophy race is to send me a copy of your ARRL entry form. I'll take it from there.

GL to all,

Cam N6GA

FD Call: N2JGU
Ops: N2JGU, WB8YGG=20
Location: 40 miles SW of Rochester NY

FD Group: Candlewood ARA
FD Call: W1QI
Ops: W1QI, N2DVX, KD1DD, N1HPF, KD1YV, WS1Q, N1TMG
Location: Brookfield CT.
Note - This group has always been QRO, but is going QRP=20 at the urgings of Seab, AA1MY.

FD Group: LM Employees Radio Club
FD Call: W4LMA
Ops: W4ED, K4ZD, KK5MM, AA4RP
Location: LM baseball fields, Marietta, GA
Note - CW ops doing QRP, phone ops QRO. Oh well...

FD Group: North Florida ARS
FD Call: W4IZ
Ops: WD4ET
Location: Jacksonville, FL
Note: Only WD4ET will be QRP, on 40M CW
=20
FD Call: WA5OJI

FD Ops: WA5OJI
Location: Thibodaux, La.=20

FD Group: Zuni Loop MEF
FD Call: K6ZNI
Ops: K6EK, K6MDJ, KD6VIO, KF6ML, N6EV, N6GA, N7FEG, nu6SN,=20
W6SIY, WA6ARA, WA6OWR =20
Location: San Gabriel Mountains, 50 Mi east of Los Angeles

FD Group: Colorado QRP Club - Group 1
FD Call: W0CQC
Ops: K0FEI, K0FRP, K6LS, KF7MD, KR0U, N0COT, N0DQV, N1FN,=20
N5LPZ, W0AH, W0HEP, W2ZGB, WI6T, WJ1R
Location: Elizabeth, CO about 40 miles SE of Denver

FD Group: Colorado QRP Club - Group II=20
FD Call: N0QT
Ops: N0QT, AB0CD
Location: Cherry Creek reservoir
Note: Hawaiian shirts required

FD Group: Guano Reef Bashful Perverts
FD Call: N4BP
Ops: K4PG, N4BP, W40X
Location: Fiesta Key on Long Key, FL

FD Group: New Jersey QRP Club
FD Call: WQ2RP
Ops: N2APB, N2CX, W2DP, WK8G, WA2ECP
Location: Delaware Water Gap (Millbrook, NJ)

FD Group: Ski Country ARC
FD Call: K0RV
Location: White River National Forest between Aspen and Glenwood Springs, CO

FD Group: The Minnesota QRP Society
FD Call: WQ0RP
Ops: KA0GKC, KB0R, N0PPF, KA0OSC, N0BSN, N0WDM, N0UR,
Location: Minnesota Senior High School rear athletic field

FD Group: N7F FD Group
FD Call: N7F
Ops: K7ZEN, N7CEE
Location: Saddle Mtn, about
25 miles NW of Flagstaff at 8,880 ft

FD Group: The Wyoming Valley QRP Commandos=20

FD Call: K7SZ

Ops: K7SZ, KA3WTF, N3WWL, N2TNN, KA3ICD, WA3WMI, N3PBV, KA3ATG,=20
KA3QPQ, WL7CJU,=20

Location: Francis Slocum State Park in Luzerne County, NE Penna

FD Group: Flying Beers International Broadcast Soc.=20

FD Call: WS8D or possibly WY8W (we havent flipped the coin yet)

FD Group: The KnightLites=09

FD Call: WQ4RP

Ops: WJ4P, WA4NID, AE4IC, WF4I, KF4EIB, W4WDN, KC4ADW, KF4URE,
AB4PP, N7RI, AA4XX, and others?

Location: Approx. 12 miles south of Raleigh, NC at the farm of Paul,=20
AA4XX

Notes: We'll be operating, socializing and even a little flyfishing.=20
Join us! Contact Paul, AA4XX, at aa4xx@ipass.net for details /=20
directions.

N3SLR, W3CV, KA3ZOW, K3LU (more details coming)

FD Group: Sothern Calif QRP Society

FD Call: WQ6RP

Ops: AC6UV, KF6JET, KR6LO, KD6CC

Location: Chilao Campground, Angeles National Forest =A0

FD Group: Alameda County Radio Club

FD Call: N6WG

Ops: Numerous :-)

Location: East Bay Regional Park on San Francisco Bay, CA

Date: Thu, 18 Jun 1998 23:09:01 -0400

From: "Wilford D. Lindsey" <70511.3041@compuserve.com>

To: //QRP-L Discussion Group <QRP-L@Lehigh.EDU>, "+Doc W.D. Lindsey/K0EVZ"
<70511.3041@compuserve.com>

Subject: [13398] CQ QRP No. Carolina!

Message-ID: <199806182312_MC2-40A4-FB63@compuserve.com>

MIME-Version: 1.0

Content-Transfer-Encoding: 7bit

Content-Type: text/plain; charset=us-ascii

Content-Disposition: inline

Gang:

Any QRPers in the Fayetteville, NC, area? I will be at Ft. Bragg for two weeks beginning this Sunday. Sure would be great to meet some of you. Might join you for QRP/FD, too. Whatsa? Sure hope to hear from *you*.

72/73,

--Doc Lindsey/K0EVZ Rochester, MN--Home of the Mayo Clinic.
MWBC
519-16th Street SE
Rochester, MN 55904
507/289-5108 (eves)

Date: Thu, 18 Jun 1998 20:13:06 -0700
From: donroher@juno.com (DONALD I ROHER)
To: mike@krypton.nmr.Hawaii.Edu
Cc: qrp-l@Lehigh.EDU
Subject: [13399] Re: TV ads, braising aluminum
Message-ID: <19980618.210952.6558.6.DONROHER@juno.com>

YES... IN ALASKA WE USE IT TO FIX CRACKS IN OUT ALUM. BOATS, WORKED GREAT. SO BEING TIRED OF CLEANING WEATHER SOAKED AND CORRODED JOINTS ON MY BEAM , I THOUGHT THIS WOULD BE A GREAT FIX.....

DISASTER..... EVEN THE LOW HEAT TOOK THE TEMPER OUT OF THE TUBING, NEXT WIND EQUALED A LAM DUCK WITH DROOPING WINGS.....

On Mon, 15 Jun 98 07:24:30 HST mike@krypton.nmr.Hawaii.Edu (Mike W. Burger) writes:

>
>After two years of waiting for the return of the right infomercial,
>I finally caught it this weekend. It was a 30 minute ad for a
>type of rod that is used with a propane torch to essentially
>braise aluminum at low temperature. The video made it look
>amazing, finally something that joins aluminum like silver
>soldering or brass braising of other metals. I ordered a pound
>and a half of the rods for \$45. Anyone tried using this stuff
>for antenna construction or joining aluminum seams?
>
>AH7R - Mike Burger, University of Hawaii at Manoa, Dept. of
>Chemistry
> HI-QRP #28 - QRP-L #1053 - FISTS #3225 - BL11ch - Honolulu County
>
>
>PS it is called Alumiloy and must be a rather fancy alloy to work

>as well as all the demonstrations indicate.

>

>

>

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Date: Thu, 18 Jun 1998 21:14:40 -0700

From: W7LS <w7ls@blarg.net>

To: qrp-1@Lehigh.EDU

Subject: [13400] [Fwd: Re: TV ads, braising aluminum]

Message-ID: <3589E5B0.3637@blarg.net>

MIME-Version: 1.0

Content-Type: message/rfc822

Content-Transfer-Encoding: 7bit

Content-Disposition: inline

X-Mozilla-Status: 0001

Message-ID: <3589E583.6D1A@blarg.net>

Date: Thu, 18 Jun 1998 21:13:55 -0700

From: W7LS <w7ls@blarg.net>

X-Mailer: Mozilla 2.01 (Win16; U)

MIME-Version: 1.0

To: donroher@juno.com

Subject: Re: TV ads, braising aluminum

References: <9806151724.AA16204@krypton.nmr.hawaii.edu>

<19980618.210952.6558.6.DONROHER@juno.com>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Wonder if anyone knows if you can re-temper aluminum? I have used grade 8 steel bolts to make stuff on the lathe, but first you need to heat it up red-hot on the kitchen stove and let it cool slowly. After machining it, you heat it up red, again. Then dip it in water really fast. Hey, works for me! I even did that to a hacksaw blade when I made a clip for a knife. It regained it's springyness just fine.

For the kitchen stove heating, I folded up a tent out of aluminum foil to keep the heat in. Works really well. Just toss it out after using it. I also put a piece down on the stove to keep the heat from messing up the stovetop, and the subsequent flogging that would surely ensue. :-)

73 de Jim, W7LS

DONALD I ROHER wrote:

>
> YES... IN ALASKA WE USE IT TO FIX CRACKS IN OUT ALUM. BOATS, WORKED
> GREAT. SO BEING TIRED OF CLEANING WEATHER SOAKED AND CORRODED JOINTS ON
> MY BEAM , I THOUGHT THIS WOULD BE A GREAT FIX.....
>
> DISASTER..... EVEN THE LOW HEAT TOOK THE TEMPER OUT OF THE TUBING,
> NEXT WIND EQUALED A LAM DUCK WITH DROOPING WINGS.....
>
> On Mon, 15 Jun 98 07:24:30 HST mike@krypton.nmr.Hawaii.Edu (Mike W.
> Burger) writes:
> >
> >After two years of waiting for the return of the right infomercial,
> >I finally caught it this weekend. It was a 30 minute ad for a
> >type of rod that is used with a propane torch to essentially
> >braise aluminum at low temperature. The video made it look
> >amazing, finally something that joins aluminum like silver
> >soldering or brass braising of other metals. I ordered a pound
> >and a half of the rods for \$45. Anyone tried using this stuff
> >for antenna construction or joining aluminum seams?
> >
> >AH7R - Mike Burger, University of Hawaii at Manoa, Dept. of
> >Chemistry
> > HI-QRP #28 - QRP-L #1053 - FISTS #3225 - BL11ch - Honolulu County
> >
> >
> >PS it is called Alumiloy and must be a rather fancy alloy to work
> >as well as all the demonstrations indicate.
> >
> >
> >
> >
> -----
> You don't need to buy Internet access to use free Internet e-mail.
> Get completely free e-mail from Juno at <http://www.juno.com>
> Or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 18 Jun 1998 22:12:42 -0700
From: Jerry Parker <jparker@fix.net>
To: qrp-l@Lehigh.EDU
Subject: [13401] The NorCal Toon Contest
Message-ID: <2.2.32.19980619051242.00bf5a50@fix.net>

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The NorCal Toon Contest is going GREAT!

Just a reminder as time is growing short.

Here is the deal:

1. You or your friends draw up a "NorCal Zombie" and submit it to me. I can take your entry over the internet as an email attachment or by snail mail.
2. Submissions must be in my hands by midnight June 30th.
3. Judgeing will be done by "Real NorCal Zombies" at the July NorCal Meeting.
4. Immediately I will announce the winners on the Internet and try sneak it into QRPP making the winners instant celebrities

Prizes:

1st Place

Instant Fame, another NorCal Legend and I will throw in an Official "NorCal T Shirt".

2nd and 3rd Place

NorCal T Shirts

Submissions to:

jparker@fix.net

or

Jerry Parker WA6OWR
426 Tanglewood Ct.
Paso Robles, Ca., 93446

Enjoy,,,72,,,Jerry...WA6OWR...K

Date: Fri, 19 Jun 1998 01:11:24 -0400
From: Russ Garner <71544.1645@compuserve.com>
To: qrp-1 <qrp-1@Lehigh.EDU>
Subject: [13402] VAMISTOR--the Quest Continues
Message-ID: <199806190111_MC2-40AE-5CAF@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain; charset=ISO-8859-1
Content-Disposition: inline

Thanks to Bob, Jim, Leon and Walt for responding to my question, even for suggesting that I use it as snipe bait 8^).

This item does not show any diode behavior, including MOV's. It behaves like a resistor.

Has a diameter of 7 mm, length of 17 mm.

Leads have a diameter of 1 mm. Shiny black coating.

Here are the complete data, as screened--

VAMISTOR

M22684/ (last character is a solidus, virgule, slash)
08-1083 (last two digits change with diff. values)
56856 (....a vendor number perhaps?....)
9703 9227 (digits 3 & 4, 7 & 8 change with diff. values)
511 G (....value--measures 504 ohms--close enuf)

If you identify the vendor, please let me know.

Regards, Russ Garner--WA0UIG--Marion, Iowa
71544.1645@compuserve.com

Date: Fri, 19 Jun 1998 00:21:20 -0500
From: aweiss@usd.edu (A. Weiss)
To: qrp-1@fidoii.CC.lehigh.EDU
Subject: [13403] RE: F00MAC in Log
Message-ID: <199806190521.AAA29884@sunburst.usd.edu>

Hi Wayne and the gang:

Guess I better add myself to the list. Worked F00MAC on the 12th

with my 30m SST and a Vern Wright St. Louis Vertical w. 14 radials. It took me about 20minutes of calling. Major problem -- split freq up 2kHz. How do you do that with an SST with no RIT? Well, carefully mentally mark F00MAC's freq. on the dial. The slide up 2Kc and mentally mark that point where you call him. Then up and down over and over, and believe me, when he rips off W0RSP, you just hope that you get back to your calling frequency. Was running 1.5 watt out. That's QRP! "skill and knowledge" -- maybe it took 20 minutes because I hadn't mastered the skill of splitting freq manually... Great rush just the same -- WOW, he called me!!!

73, Ade

Date: Thu, 18 Jun 1998 23:52:22 -0700
From: W7LS <w7ls@blarg.net>
To: qrp-1@Lehigh.EDU
Subject: [13404] FS/swap: HW-9 matching noise bridge
Message-ID: <358A0AA6.551@blarg.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Yo.

I have a spare noise bridge for HF. It is made as a matching accessory for the Heathkit HW-9 transceiver. I have a copy of the book, too. It is the same brown color as the HW-9.

Elmer break!!!! A noise bridge is a piece of test gear for measuring the impedance of an antenna load. It tells you both the real and imaginary parts of the complex impedance. A perfect load is 50 ohms, resistive, with no reactance. It is used to look at an antenna and tell if it is too short, too long, or just right (kinda like porridge...)

It is used instead of a swr bridge, when you want more information about the load, or if you want to tune up an antenna tuner without transmitting a signal. The noise bridge works with your receiver in the tuning process. All you do is set it for 50 ohms resistive, with no reactance, and tuner the tuner while listening on the receiver for a sharp dip in the background noise. There you have it; you've tuned up your tuner, ready to transmit, and your transmitter will be a happy camper, seeing a perfect load. Helps keep from zorching your finals during tuneup. You put it in the coax line between your receiver (or transceiver) and the antenna coax. Technically, that will not tell you squat about the antenna without knowing the coax length, but it will tell you the net impedance that the rig will see. Handy items.

Oh, I'd like \$35 and \$4 for US Mail., cashier's check or MO preferred, please.

73 de Jim, W7LS

Date: Fri, 19 Jun 1998 06:02:49 -0400
From: "Ron Polityka" <wb3aal@talon.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [13405] Help, HW-8 dead!
Message-ID: <001f01bd9b69\$6c7acb20\$115445c6@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello,

I wonder if anyone out there has experience finding what components on a HW-8 go bad when the reverse polarity is applied to the rig.

I just got the new power connector installed on the rig the other day and a friend wanted to borrow it to try the HW-8 out for a few days. I said ok, well I guess I should have said No. I had the cable made up so all he had to do is just connect it up to the battery the correct way. I even had the ends marked positive and negative. Well I got a call last night that he turned it on and the rig did not play. After I open the HW-8 up I smelled that he burned something in the rig. There are no visible signs of anything being toasted. I checked the prints and it looks like this is going to be a major task since the 13.8 VDC was applied backwards.

Can anyone point me in the correct direction? When you connect the power up, the radio does nothing.

Thanks for any information,
73, Good DXing & QRPing
Ron de WB3AAL

E-mail: wb3aal@talon.net
http://www.kpsnet.com/wb3aal/Start_Page.htm
BBS: WB3AAL @ WB3FYL.#BER.PA.USA.NA

EPA QRP # 1 QRP # 5318 10-10 # 13173

QRP-L # 1099 G-QRP # 3031 AK QRP # 309
Adventure Radio Society #380
Bumblebee #84

Date: Fri, 19 Jun 1998 06:52:26 -0400
From: K4AHK@ix.netcom.com
To: donroher@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [13406] Re: Peanut whistle URL
Message-ID: <358A42E4.7D23@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I looked at the page for the peanut whistle transmitter but did not see any dimensions for this unit. Anybody know the size of the circuit board - L X W X H ?

Bill - K4AHK

Date: Fri, 19 Jun 1998 05:40:42 -0700
From: k5gq@juno.com (C M Tyler)
To: qrp-l@Lehigh.EDU
Cc: RangerSF5@aol.com
Subject: [13407] Correction to Important GPS info and roll over date/
Message-ID: <19980619.063318.14558.30.k5gq@juno.com>

----- Begin forwarded message -----
From: "Max Huff" <mhuff@sccsi.com>
To: "C M Tyler" <k5gq@juno.com>
Subject: Re: Important GPS info and roll over date/
Date: Thu, 18 Jun 1998 21:09:41 -0500
Message-ID: <199806190219.VAA03737@baileys.infohwy.com>

Yes, but he has some facts wrong. The Sept 1999 date has nothing to do with the year 2000. It is the 1024 GPS week rollover. There are not enough bits to send a number greater than 1024. There is a workaround already in place for the Satellites and Receiver manufacturers have to make some software changes as well.

Thanks,

Max

Max Huff works for Omnistar owned by Fugro; previously John E. Chance, Inc. that sells a corrected GPS (DGPS).

Mark

> From: C M Tyler <k5gq@juno.com>
> To: Mhuff@sccsi.com
> Subject: Important GPS info and roll over date/
> Date: Thursday, June 18, 1998 10:17 PM
>
> Do you know about this?
>
> Mark
>
>
>
>
> Date: Thu, 18 Jun 1998 17:52:09 EDT
> From: RangerSF5@aol.com
> To: qrp-1@Lehigh.EDU
> Subject: [13384] Important GPS info and roll over date/
> Message-ID: <19f29dc8.35898c0a@aol.com>
> Mime-Version: 1.0
> Content-type: text/plain; charset=US-ASCII
> Content-transfer-encoding: 7bit
>
> Hi Gang,
> Go to this site and click GPS. When that loads click links
> This is a straight to the point no bull GPS site endorsed by the DoD
> and
> USCG
> There is also a link where you can punch in your qth, cords and other
> info and
> in appx 5 seconds, you will see what SV's are over your area, height etc.
> Don't forget to read the page about the roll over date for the year
> 2000.
> This may make some GPS units useless and the DoD has plans now to make
> the
> required changes for the SV's in AUG.1999.
> The site also has tons of educational info about the GPS system and how

> everything works.
> The URL is< <http://www.navcen.uscg.mil>>
> Bob
> WA2HOQ
>
> -----

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 19 Jun 1998 07:55:05 -0400 (EDT)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: QRP-L List <qrp-l@Lehigh.EDU>, gqrp-l@blacksheep.org
Subject: [13408] Re: calling CQ
Message-ID: <Pine.GS0.3.96.980619074839.26758F-1000000@moe.cas.utk.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I was asked by e-mail a thoughtful but oddly interesting question this morning: what is the deepest reason for calling CQ, not knowing if anyone would reply? I made a reply with some initial thoughts. Then I wondered if others might not have similar or divergent thoughts. So I am passing along my note, since it seems relevant to qrp operations world-wide.

=====
I do not know if there is any single deepest reason for calling CQ. I can only guess at such deep motivations, but here are a few thoughts.

For the brand new ham, there is a sense of wonder at the possibility of having a radio signal actually being heard and responded to. That alone is enough motivation to try, just to see what happens. In a way, it parallels the SETI project efforts to listen to outer space, just in case there is something to be heard and the efforts to place special identifying materials on some deep probe space craft, just in case someone out there may someday find the probe.

I also suspect that as the new ham becomes experienced, two things happen. First, wonder turns into curiosity, especially as replies become routine, but from where they come and from whom they come remain unknowns until the reply actually happens. Second, the first response has an excitement that can become addictive in the sense of wanting to repeat the first experience over and over again.

Although subsequent experiences are never quite like the first, since they do not have that initial anxiety attached, new adventures into CQing have new dimensions, especially the human dimension. Every reply creates a new strand in a web of links among widely separated but still kindred spirits. Amateur radio, despite its internal disputes and diversity of activities, is still a community of human beings that cuts across all divisions of race, nationality, religion, and other things that divide us around the world. A CQ knows no such boundaries: our mutual interest in radio communications does not even break barriers: the barriers are simply not there. (I am sure this is truer in your region, where boundaries are close in than in the US, where a ham might spend his entire career talking only to folks within his own country.)

Interest in radio communications may have a further contributing factor. Such interest tends to mark a person out as an individual, someone a little different from most of his or her friends, neighbors, and co-workers. Hence, there is a natural desire for camaraderie, a sense that one is not alone, but linked to a community. That is why hams tend to form clubs and anticipate "eye-ball QSOs." That same urge for linkage results in calling CQ as an invitation to and a hope for a new strand in the linkage that tells us we are not alone and that hence gives meaningfulness to all our efforts to master the art, science, and craft of radio communications.

Linkage to a community brings out in us at least two different and opposing urges, and they occur in different proportions in different individuals. One urge is to compete with others in our broad community. so we compete in contests for points or for countries worked, or for anything else. The other urge is to help, aid, assist any other member of the community who needs what we may have to offer: advice, knowledge, materials, other links we may have to services not available--the list is endless. The only condition I have ever known a true ham to place on rendering assistance was this: NOT that the recipient repay, but rather that the recipient be prepared to assist some other who may someday need what can be rendered.

Both of these twin urges make calling CQ more meaningful, for we may never know in advance whether we might receive a reply that either helps our score or gives us an opportunity to help.

I personally believe that the most mature reason for calling CQ is the chance to be of assistance, even if that is only to give another the pleasure of a QSO, but more if the one who replies needs more. That is why I maintain my web site--it is one way in which I can help those in our community of hams who may need what is there.

There are, I am sure, those who would like to invert my remarks by leaning

too heavily on the idea of being alone and seeing the CQ as a way to merely relieve loneliness. But I think one can only make this move at the expense of ignoring the initial sense of wonder and the more mature and thoughtful dimensions of being a ham and calling CQ. It is at root not a demand for an answer, but an invitation to communicate, and that communication is a sharing. Sometimes we share only perfunctory data; sometimes we share news, information and ideas; sometimes we share joys and successes; and sometimes we share needs and solutions. In short, we share all that makes us a community, although not too much at any one time. Granted, some few may make CQ into a demand for reply, but for most, it is an invitation and a question: How can I assist?

I do not know if this is responsive to your question, but it is how I think about CQ. In fact, over my 45 years as a ham, I have not too often called CQ myself (except to see of a quiet band had any listeners). Instead, I have tended to listen for CQs and replied to them.

-73-

LB, W4RNL

L. B. Cebik, W4RNL	/\	/\	*	/	/	/	(Off)(423) 974-7215
1434 High Mesa Drive	/	\	\	----	/\	----	(Hm) (423) 938-6335
Knoxville, Tennessee	/\	\	\	/	/		(FAX)(423) 974-3509
37938-4443 USA	/	\	\	\			cebik@utk.edu
URL: http://web.utk.edu/~cebik/radio.html							

Date: Fri, 19 Jun 1998 08:15:16 -0400
 From: Zack Lau <zlau@arrl.org>
 To: qrp-l@Lehigh.EDU
 Subject: [13409] Re: the original bazooka dipole ?
 Message-ID: <358A5654.131B@arrl.org>
 Mime-Version: 1.0
 Content-Type: text/plain; charset=us-ascii
 Content-Transfer-Encoding: 7bit

I've not really been able to track this down, but page 903 of the book Principles of Radar, by Reintjes and Coate has picture of of a center fed antenna with coaxial stubs. The claimed advantages are the adjustment of input impedance, as well as being able to

support it from ground at the electrical center of the antenna.
Remember, this is a microwave radar antenna. They made the antenna
out of tubing. I suspect the amateur design may be a cheap attempt
to copy this picture using materials conveniently available (like
50 ohm coax)

--Zack Lau W1VT

Date: Fri, 19 Jun 98 08:36:20 -0400
From: Lauri_Frank_J@bns.att.com
To: qrp-1@Lehigh.EDU
Subject: [13410] Need LM3900 for HW8
Message-ID: <H00001ce009c67c7@MHS>

Hello everybody out there in qrp-land...

I am having my Heath HW- 8 overhauled and am in need of a LM3900 .

If you have any available or know who would,I surely appreciate the
help.

I am looking for 2 of them.(one for a spare)

Thanks for your help.

73, Frank , KD2IX - FN31- Carmel,New York

Date: Fri, 19 Jun 1998 07:56:26 -0500
From: W9SUL <pugrad@millcomm.com>
To: qrp-1@Lehigh.EDU
Subject: [13411] Bands dead?
Message-ID: <1.5.4.32.19980619125626.0068dd14@millcomm.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Is it just me... or have the bands been "dead" for the last couple of days?

72 Dave - W9SUL

Rochester, MN Home of the World Famous Mayo Clinic

Date: Fri, 19 Jun 1998 13:09:01 -0400
From: "Rich Dailey, KA8OKH" <ka8okh@som-uky.campus.mci.net>
To: qrp-l@Lehigh.EDU
Subject: [13412] Coordinate conversion - Thanks
Message-ID: <3.0.16.19980619130849.2ef72698@som-uky.campus.mci.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Thanks to all who replied to my hh/mm/ss to decimal conversion query. I later found that my GPS receiver does this by itself, but of course I had to play with it a few days before reading the manual.

The reason for the conversion? Most satellite tracking programs (at least the ones I use) store your location using a decimal coordinate system. Now I can plan amateur satellite operation and visual satellite observations wherever I go.

Neat technology. Thanks again to all who responded. Back to your regularly scheduled QRP program.

...Rich

Rich Dailey, KA8OKH <ka8okh@som-uky.campus.mci.net>
The KA8OKH / KB4NPI Web - <http://www.qsl.net/ka8okh>

Date: Fri, 19 Jun 1998 06:23:24 -0700
From: David Shalita <af389@lafn.org>
To: "'QRP-L'" <qrp-l@Lehigh.EDU>
Subject: [13413] CIRCAD ignorance
Message-ID: <358A664C.C43FC2F9@lafn.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> Joe E., N2CX wrote:
> OK gang, I have to expsoe my ignorance once more. I am attempting to > learn
how

> to use CIRCAD effectively. But... womehow things have not yet > "clicked" into
> place.

Hi, I am having similar problems learning Circad DEMO as is Joel.

Things I want to do but cannot find HOW_TO info
in FAQ or included documentation files are:

1. Creating a new part, say an NE602.
2. Adding new part to the Library
3. Modifying a part that exists in library,
to create slightly differnt new part.
4. Use the KRUMP command.

Does the HAM version, \$395 I think??, include documentation
that explains use of the many Circad commands?

Some How_To pointers for these tasks would allow me to
use Circad to it's full potential.

Thanks for any help.

73, W6MIK

--

David Shalita (Dave)
af389@lafn.org
Van Nuys, CA

Date: Fri, 19 Jun 1998 09:34:45 EDT
From: ARDUJENSKI@aol.com
To: qrp-1@Lehigh.EDU
Subject: [13414] LONG WIRE INFO
Message-ID: <248034a7.358a68f7@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

With FIELD DAY around the corner I thought I might pass on this info I got
from EASY UP ANTENNAS by Ed Noll.

ODD MULTIPLES: Best results are obtained when the long wire is made an odd
multiple of a quaterwave length (1/4, 3/4, 5/4. etc). By doing so low

resistive impedance is reflected right to the input of the tuner.

LONGER IS BETTER: The longer (in wavelengths) the single wire antenna, the higher the gain.

TRIMMING: You may have to trim a bit to get best SWR. When you calculate the length (i.e. for 7.2MHz a 1/4 wave is 32ft-6in), unless the antenna is quite high, you may need to trim about 2-4% to get the best match without use of a tuner.

EVEN MULTIPLES: Reflect high impedance to the tuner and becomes hot with RF voltage (ie an antenna cut for 7.1Mhz may not work that well on 14.2)

MY NOTE: Alligator clipping precalculated lengths would allow you to change the antenna band. Say for example take the 1/4 wave for 40 and add a 1/4 wave for 20M and a 1/4 wave for 10M. They could be used singularly or cascaded for gain on the higher bands.

Hope this is of some value to you folks...Alan KB7MBI

Date: Fri, 19 Jun 1998 07:17:40 -0500
From: ab5uacw@juno.com (Clifton W Sikes)
To: qrp-1@Lehigh.EDU
Subject: [13415] "ohr" <qrp@ohr.com>: Re: OHR 500?
Message-ID: <19980619.071805.6734.1.ab5uacw@juno.com>

----- Begin forwarded message -----
From: "ohr" <qrp@ohr.com>
To: <ab5uacw@juno.com>
Subject: Re: OHR 500?
Date: Fri, 19 Jun 1998 08:45:55 -0400
Message-ID: <199806191241.IAA32052@ns1.net-port.com>

Thought I would share this with the group. Have a nice week end.

Hi Cliff,

I am putting the final touches on a new 5 bander. It should be ready in about 6 - 8 weeks. Just watch my web page for further details. Thanks for the invite to the OK hamfest. Just won't be able to make it.

73,
Dick

OHR

----- End forwarded message -----

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Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 19 Jun 1998 08:52:56 -0700
From: Don Bowen <don.bowen@chrysalis.org>
To: 50mhz@qth.net, antennas@qth.net, qrp-1@Lehigh.EDU, towertalk@contesting.com
Subject: [13416] Field Day
Message-ID: <358A8958.3469@chrysalis.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

There have been field day threads on each of these reflectors, so maybe this question is not too far off base:

I have a friend, K5HW (not a subscriber to any reflector) who will be in the vicinity pf Breckenridge, CO on field day. He is looking for a site or two that he might visit. Would appreciate information and location (maybe directions or GPS coordinates?) to some site (or sites) where he would be welcome.

Please respond directly to me.

Thanks for your indulgence.

Don Bowen
K5LHO

Date: Fri, 19 Jun 1998 10:14:41 EDT
From: RangerSF5@aol.com
To: k5gq@juno.com
Cc: qrp-1@Lehigh.EDU
Subject: [13417] Re: Correction to Important GPS info and roll over date/
Message-ID: <23220293.358a7252@aol.com>
Mime-Version: 1.0

Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

In a message dated 98-06-19 07:32:52 EDT, you write:

<<

place for the Satellites and Receiver manufacturers have to make some software changes as well.

>>

Yes

You are 100%right and thats what I have been telling everyone.

So check with your dealer and find out if your unit can be fitted with the new processor and make sure the bargain unit you pick up today will work as it should after the roll over date.

As always,PLEASE,do not repost my post.

Also,I don't have the facts wrong.I directed the others to the site for information.

The site tells it all and no mater when or what the DoD will do in Aug. of 99, It will affect the GPS units

Now everyone has the info for the site,go there,read it,then call you dealer and ask them what is going to happen to your unit at the roll over date.

I'm NOT the expert in this and if you have questions I'm sure there is an area on the USCG site where you can *E* mail.

I hope I didn't start a GPS war and if you want hash this topic around,PLEASE leave my name off the list.

I wanted to warn the guys and gal's and direct all of you to the area that has all the info.

I'll poat the address one more time and now i'm out of it.

<<http://www.navcen.uscg.mil>>

Don't mean to sound harsh but i've seen what happened in the past and I don't want to be a part of some flame war.

Bob

WA2HOQ

Date: Fri, 19 Jun 1998 10:06:23 -0500
From: "George T. Baker" <w5yr@swbell.net>
To: zlau@arrl.org
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [13418] Re: the original bazooka dipole ?
Message-ID: <358A7E6F.D2E9CB8E@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Interesting that you should mention this, Zack. Thanks for bringing back

a memory or two.

Back in the mid-50's I did my MSEE at MIT working daily with Godfrey Coate on my research project and reporting to Frank Reintjes, who was my thesis advisor. I cannot say enough good things about these two gentlemen. Their combined knowledge of the radar field, and engineering in general, was staggering. And so very welcome to a struggling young grad student!

I last heard from Frank about 15 years ago. At that time, he pointed out that Godfrey had passed on a few years earlier.

Any other graduates of the "Reintjes and Coate School of Radar" out there?

--

72/73, George

Amateur Radio W5YR, 52 years and counting!

QRP-L #1373 QRP ARCI #9583 FISTS #4930 ARS #403

AutoPOWER Systems, Fairview, TX (30 Mi. N. of Dallas)

Zack Lau wrote:

>

> I've not really been able to track this down, but page 903 of the
> book Principles of Radar, by Reintjes and Coate has picture of
> of a center fed antenna with coaxial stubs. The claimed advantages
> are the adjustment of input impedance, as well as being able to
> support it from ground at the electrical center of the antenna.
> Remember, this is a microwave radar antenna. They made the antenna
> out of tubing. I suspect the amateur design may be a cheap attempt
> to copy this picture using materials conveniently available (like
> 50 ohm coax)
> --Zack Lau W1VT

--

72/73, George

Amateur Radio W5YR, 52 years and counting!

QRP-L #1373 QRP ARCI #9583 FISTS #4930 ARS #403

AutoPOWER Systems, Fairview, TX (30 Mi. N. of Dallas)

Date: Fri, 19 Jun 1998 11:26:32 -0500 (EST)
From: "James C. Owen, III" <owen@piper.eeel.nist.gov>
To: pugrad@millcomm.com, qrp-l@Lehigh.EDU
Subject: [13419] RE: Bands dead?

Message-ID: <41198.owen@piper.eeel.nist.gov>

In message Fri, 19 Jun 1998 07:56:26 -0500,
W9SUL <pugrad@millcomm.com> writes:

> Is it just me... or have the bands been "dead" for the last couple of
> days?
> 72 Dave - W9SUL
>

Well the higher frequencies, 10,12,15,20 meter bands, haven't been great but they are far from dead. However, you must choose the time of day to operate them. 20 open to somewhere most any time, 10 & 15 don't open much until about 1600Z (to europe maybe a little earlier) with 15 open before 10. If you're a CW operator listen to the phone bands first. This will give you an idea of how strong the opening and to where. Since there is usually more activity in the phone bands than the CW bands if they are active and nothing on CW then just no one operating CW. Start calling CQ. 72 Jim K4CGY

Date: Fri, 19 Jun 1998 11:33:06 -0400
From: "g.diana" <embres@frontiernet.net>
To: embres@frontiernet.net, n2jgu@juno.com, qrp-1@Lehigh.EDU, wb8ygg@juno.com
Subject: [13420] Product Announcement: The SuperTiCK
Message-ID: <199806191533.LAA39390@cwnet.frontiernet.net>

Embedded Research Announces Newest Member of TiCK Family:

The SuperTiCK

Compatible with all previous TiCK keyer chips, the SuperTiCK features two 50 character message memories. Pricing, availability, and specs are presented at:

<http://www.frontiernet.net/~embres/superTiCK.htm>

For those without internet access, please email us at:

embres@frontiernet.net

Best regards...

- Brad WB8YGG & Gary N2JGU
"The TiCK Guys"

Embedded Research

P0 Box 92492
Rochester, NY 14692
<http://www.frontiernet.net/~embres>
embres@frontiernet.net

Date: Fri, 19 Jun 1998 10:44:15 -0500
From: Tellefsen Bob-CNSE97 <cnse97@lmpsil02.comm.mot.com>
To: wb0poq@visi.com
Cc: QRP-L list <QRP-L@Lehigh.EDU>
Subject: [13421] Tuning tool
Message-ID: <E726B6D1F2C7D1119AB900805FA74B3C6A2A4E@s-il02-n.comm.mot.com>
MIME-Version: 1.0
Content-Type: text/plain

Bob:

I've had good success making flat bladed tuning tools from old plastic knitting needles.
I got them from my mother, as she would always have an orphan needle or a broken one she couldn't use any more.
A few strokes with a flat file and you have a fine nonmetallic screwdriver blade tuning tool.
73, Bob N6WG

Date: Fri, 19 Jun 1998 11:50:30 -0400
From: Derek Brown <DBrown@RFMD.com>
To: "'QRP-L'" <qrp-l@Lehigh.EDU>
Subject: [13422] small Gelcel
Message-ID:
<c=US%a=_%p=RF_Micro_Devices%l=PACHACUTEC-980619155030Z-2311@proxy1.rfmd.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

After being demoted to the "Queen Mary" classification (your rig weighs as much as...) in the last ARS Spartan Sprint, I'm looking for ways to get my station weight down. The easiest way is to go from a 4 AH gelcel to one around 1.8 to 2 AH. Some have suggested taping individual cells together to come up with the right voltage - I'll do that only IF I bomb out on getting a small gelcel. I only need enough capacity to run my Sierra w/ KC2 module for the 2 hour contest duration.

Sources for low capacity gelcells or other small, lightweight batteries
(12 - 14 VDC)???

72 de Derek, WF4I
Greensboro, NC
Dbrown@rfmd.com

Date: Fri, 19 Jun 1998 12:04:32 -0400
From: Michael Neverdosky <MichaelN@cycat.com>
To: qrp-l mailing list <qrp-l@Lehigh.EDU>
Subject: [13423] Re: Tuning tool
Message-ID: <358A8C10.42A98EE9@cycat.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I often use bamboo chopsticks.
A few quick strokes with an Xacto knife and I have a tuning tool
of any needed size.

michael N6CHV

cnse97@lmpsil02.comm.mot.com wrote:
>
> Bob:
> I've had good success making flat bladed tuning tools from old plastic
> knitting needles.

Date: Fri, 19 Jun 1998 10:11:18 -0600
From: "James R. Duffey" <ji3m@maxwell.com>
To: Gary Hanson <ghanson@uts.cc.utexas.edu>
Cc: qrp-l@Lehigh.EDU
Subject: [13424] BFO Levels/Filter Band Pass Ripple
Message-ID: <v03007800b1b0214fd5f1@[199.120.49.102]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gary - It s good to hear from you. It sounds like you have the filter well
in hand.

"My crystals are very closely matched (within 10Hz)...took about 20 crystals to find four that close. I used one of the new AADE benchtop frequency counters (the DDF4) to measure and it gets down to 1Hz, so I'm pretty sure that isn't the problem.'

'I did fool around with the termination resistances on the input and the output and have managed to cut the ripple from a .1v change to about .05 volt. Still get three dips but they aren't as large. I'm going to try some different caps in the circuit to see if that helps."

At this point you probably know more about crystal filter design than I do, so I am not sure that I am the best person to be giving advice.=8^) The amount of ripple you are seeing does not seem out of line with reasonable design and construction methods, depending on the filter geometry selected. A Chebyshev with 0.5 dB ripple is a common design, as is one with 2 dB. The tradeoff here is in band ripple for steepness of cutoff. I don't know if you are working from a specific design or not. The references I gave earlier should help. I doubt if most listeners will hear the 0.05 V variation in a completed receiver. Of course, you, knowing it is here will have no problem hearing it.

You may wish to set the BFO offset to the frequency of one of the peaks to get a bit of a boost.

Although matching for frequency is good, a comprehensive crystal design will also take into account the individual crystal motional inductances and capacitances. Also, crystals with high (and roughly equal) Q should be used. The "QRP Power" book shows how to do this easily with a simple oscillator.

Working the terminations to minimize the ripple is good, and something I should have mentioned in my first reply. Sorry. Paul, NA5N, has a circuit for a simple JFET IF amplifier that should handle the output termination easily. Oops - I forgot that you are building a 2N2222 based receiver. Save that hint for the next receiver you build.

Matching the caps will help, 5% are readily available, and some 2% can be found by looking hard. Again, buying a batch like you did with the crystals and measuring them should yield you a closely matched set.

I am curious how you arrived at the filter design. Did you copy an existing one (that is what I would have done for a first try=8^) Or did you go through all the design steps that Hayward suggests? I am just curious, that is all.

>Here's a new question: I know in my mixer circuit that the VFO is a

>much, much larger signal than the RF signal coming in off the antenna
>and that it is the VFO that turns the double balanced mixer diodes on
>and off. In the product detector it seems that my signal coming out of
>the IF amplifier and the BFO signal are much closer in signal strength.
>Which signal turns the diodes on and off?

Boy this is a good question. I think that since it is balanced and both signals are large enough to turn on the diodes, you can view it either way. Mathematically speaking I think that the mixing process is associative. At the mixer, the RF signal is much smaller than the local oscillator and won't turn on the diodes, so it is the local oscillator that does the switching there.

>And does one signal need to be much, much stronger than the other? At the
>>moment, I'm getting about 0.5 peak volts from the BFO and about 1.2 peak
>volts >out of the IF amplifier. Are these about right or should I
>boost/reduce one or >the other?

0.5 Volts into a 50 Ohm load is 3 milliwatts, or 4.8 dBm, which may be a bit low to fully drive the diodes into conduction and you may wish to increase it a bit. The common SBL-1 mixers specify a 7dBm oscillator level, so you might double your drive level. You are better off overdriving the mixer slightly with the oscillator than under driving it. If your mixers are homemade, you may wish to look into using Schottky diodes as they turn on at lower voltages than silicon diodes do.

Keep up the good work. - Dr. Megacycle KK6MC/5

James R. Duffey KK6MC/5 DM65 <jamesd1@flash.net>
30 Casa Loma Road
Cedar Crest NM 87008

Date: Fri, 19 Jun 1998 07:06:01 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: kaliic <kaliic@ime.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [13425] re: the original bazooka dipole ? & QRP
Message-ID: <Pine.SOL.3.96.980619065308.29491A-1000000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Vince,

To add just a bit to the history of the bazooka.....

Back in about 1953 I made a 10m yagi. I used a wooden ladder style boom, big stand off insulators holding conduit for the elements.

The driven element was seperated in the center. I made a bazooka dipole out of coax and "stuffed" it inside the driven element.

That was known as a bazooka feed. I worked lots and lots of DX on 10m AM running 2w output.

To add a little more history in the QRP field I'll pass this along...

There were a large number of people who didn't think 2w OUTPUT was QRP because I must have been running more than 5w INPUT!

5w has been the QRP number for many, many years. For both CW and Phone. It wasn't until the advent of SSB that output power became the defacto standard and soon afterwards the QRP power level for SSB was pushed up to 10w and accepted by most.

I could ask what the power level is for QRP AM and how to measure it but I won't..... ditto any mode otherthan CW and SSB..... But not me, I won't start that thread!

I could also say that if the power level was still INPUT it would encourage better designs to get more out with the same amount in, but I won't do that either....

: -)

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Fri, 19 Jun 1998 17:05:40 +0000

From: Ed Loranger <we6w@qsl.net>
To: cebik@utkux.utcc.utk.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [13426] Re: calling CQ
Message-ID: <358A9A64.631A@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Excellent Post L.B.

I like the challenge of calling CQ at QRP levels while testing new station configurations. Especially while investigation lower power levels. An unscheduled QSO is a prize indeed under these circumstances.

Just like fishing for bass in the reeds. You may be surprized what lurks out there in the ether.

-Ed

--

72, =ED, WE6W/qrp CW ONLY; Proud Member: QRP-L/ARCI/Norcal/ARS/AR
<http://www.qsl.net/we6w> (Enjoying Ham Radio every day.)

Date: Fri, 19 Jun 1998 17:16:24 +0000
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [13427] Re: Tuning tool
Message-ID: <358A9CE8.D86@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I can't remember the original poster's email address so I'm going to the list only.

I don't recall anyone saying they are familiar with the ceramic too so I'll first confirm: Yes, these are the most excellent tuning tools. I have about 6 of them. Most are cast-offs with chips in them. But what most people don't know is that the tip is replaceable and can be removed. Also, I have saved most of these from the garbage heap. Why? Well most people aren't as 'Thrifty' as I am and don't know that the ceramic tool has TWO ends. If one end breaks, just remove the

insert, reverse, and you are back in business.

So if you have one that is chipped or broken, remove the rubber plug that holds to ceramic blade and fix it.

Also, other homemade tips can be sized to fit snugly into the rubber stopper. One major benefit of the tool-in-the-rubber-stopper design is that if you try to over torque a part that has a stop, the blade rotates thereby preventing the inevitable broken variable Cap/Resistor etc.

This just FYI.

-Ed

--

72, =ED, WE6W/qrp CW ONLY; Proud Member: QRP-L/ARCI/Norcal/ARS/AR
<http://www.qsl.net/we6w> (Enjoying Ham Radio every day.)

Date: Fri, 19 Jun 1998 13:17:15 -0400
From: "dave r" <elim@ime.net>
To: <wb5rue@ccnmail.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [13428] Re: who what is Rv1 call?
Message-ID: <001f01bd9ba6\$1c236500\$26c65ad1@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

here's the web page for all russian callsign look ups..

<http://www.octavia.com/callbk.htm>
on RV1AC:

Name: Pashenko Alexander V.
Address: St.-Petersburg-241, PO Box 104
Postcode/Zip: 192241
Country: Russia

-----Original Message-----

From: Kevin Muenzler-WB5RUE <wb5rue@ccnmail.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Thursday, June 18, 1998 10:14 AM
Subject: Re: who what is Rv1 call?

>RV belongs to Russia specifically. (not ussr)
>
>Kevin, WB5RUE
>
>
>>I just worked France and yugoslavia then I heard a RV1AC calling CQ and the
>>bands were deep with qsb but I got the rst and name but two failed tries on
>>the qth.
>>He was calling CQ/Dx and a lot of Dx is rolling into him but not strong enough
>>for me to make them out.Anyone have a clue in regards to thr RV1 station??
>>Location?
>>Bob
>>WA2HOQ
>>
>>
>
>
>CCNmail for your free web-based e-mail. <http://www.ccnmail.com>
>
>

Date: Fri, 19 Jun 1998 11:18:23 -0600
From: jaywa5whn@juno.com (Jay D Miller)
To: qrp-1@Lehigh.EDU
Subject: [13429] Re: Bands dead?
Message-ID: <19980619.111835.2678.0.JayWA5WHN@juno.com>

I was finishing up some source code last night, and had left the HF xcvr on. On 14,269 KHz, I had copied FBC6CUK calling CQ. {Terry - F6CUK}. He was S-9+. This was @ 0450 UTC on 19, June 1998. After a multitude of stations, I had called, darn, a swing & a miss, strike one. Patience, wait for it. Another call, and FBC6CUK asks for the station ending in "N", and a N9 responds. :-(Terry asks for the station ending in "N" again. I respond, he gives me a 5/5, he is 5/9. Whoa !! The xcvr is only running 10 watts PEP. Wahoo !!! OK, what else is out there. Israel, 3 stations on 20 meters SSB, and they are S-9. Quick, up to 17 meters, Israel, one on SSB. Nothing on 6/10/12/15 meters. OK, let's switch to 20 cw, and the low end of the band and I hear more Israeli stations.

30 & 40 meters sounds like a QRN wasteland. QRN is over S-7.

So, are the bands dead ?

72 ...Jay, WA5WHN DM65qd Albuquerque,
NM USA

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 19 Jun 1998 13:25:51 EDT
From: ARDUJENSKI@aol.com
To: qrp-1@Lehigh.EDU
Subject: [13430] DEAD BAND SYNDROM
Message-ID: <18469997.358a9f20@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Several times I sent out a call into what seemed a DEAD BAND. In the last 3 days on 20 and 15 worked FRANCE, ENGLAND, NEW ZEALAND, AUSTRALIA, our Atlantic Coast, and yes even Texas and Alaska along with a few islands in Europe and far east. CW and SSB.

So sometimes it may fool you. What is nice the more folks that think the band is dead the less competition.....de Alan KB7MBI

Date: Fri, 19 Jun 1998 17:38:24 +0000
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [13431] Re: the original bazooka dipole ? & QRP
Message-ID: <358AA210.1310@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Additional information on a Bazooka that I made for
40 meters in on my web page. (URL below in sig.)

My bazooka is Folded for 300 Ohm match to my twinlead

feed.

So far it is the best antenna I have used to date.

What is my definition of Best?

OK: 99% efficient at Resonance compared to resonant dipole.
Folded, it terminates my 300 Ohm line nicely.
Coax sheathing fights the weather.
No tuner adjustment needed entire 40 meter band.
Tuner optional.

Discussions I've heard and know about: Question/Response.

"Broadbanding is from resistive losses in the Coax."

ME: Not if you use low loss coax for a reactive Z-match.

"They aren't very efficient and my OCF dipole beats it."

ME: Build another Bazooka, this time with antenna analyzer.
Tape measure and formula is ballpark figures -- the bazooka
needs to be properly tuned for your center band.

"Not multiband"

ME: True. Un-clip the outside shorts and use it as a fat
dipole, ok?

"It's a bit heavy"

ME: Support it better.

Summary: Try out a properly constructed, single-band antenna known
as a 'Bazooka' or as the ARRL Handbook lists it in the
index "Broadband Dipole" -- you will like this one.

-Ed

-Ed

--

72, =ED, WE6W/qrp CW ONLY; Proud Member: QRP-L/ARCI/Norcal/ARS/AR
<http://www.qsl.net/we6w> (Enjoying Ham Radio every day.)

Date: Fri, 19 Jun 1998 12:05:58 -0600
From: Steven Ciciora <scicior@uswest.com>
To: qrp-l@Lehigh.EDU
Subject: [13432] Firs Homebrew Rig (80m)
Message-ID: <358AA886.4688@minmail.uswc.uswest.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Finally talked my friend, Scot Colburn into getting his licence. Now he's a no-code tec, and wants to learn morse code. Next weekend we are going to try to build some 80m rigs. I chose 80m 'cause that's the band most other people have told me that would work best for approx. 100 miles. I've got some Direct Conversion PCBs for recievers, and I know I could just amplify the L.O. for transmitting, it might be simpler to build a stand alone xtal controlled transmitter. Also I figure a xtal controlled osc. will be easier to build than a VFO (stability, finding variable caps or varactor diodes, etc). Any one know a source for novice/tec+ band 80m xtals? Any one have one/two they could lend/sell?

Ya, I know he's not licenced to transmit yet on C.W. but what better inspiration to learn (and he wants to) than to have a transmitter waiting in front of him? I bet a real radio will be more interesting for code practice than Super Morse!

Thanks for your time,

Steven Ciciora
KB0PJF

Date: Fri, 19 Jun 1998 19:24:34 +0000
From: "Frank G3YCC" <g3ycc@g3ycc.prestel.co.uk>
To: qrp-1@Lehigh.EDU, gqrp-1@blacksheep.org
Subject: [13433] International QRP Day
Message-ID: <E0yn5qS-0002ss-00@hen.scotland.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

If you took part in the contest, please send me your final.score by 22nd June, after which the winner will be announced.

Thanks

--73--

Frank G3YCC G QRP 042
email: g3ycc@g3ycc.prestel.co.uk
QRP web Site: <http://www.homeusers.prestel.co.uk/g3ycc/>
Packet: G3YCC@GB7HUL

Date: Wed, 17 Jun 1998 06:33:45 -0600

From: Brad Mugleston <bmug@gwl.com>
To: "'qrp-1'" <qrp-1@Lehigh.EDU>, "'homebrew'" <homebrew@qth.net>
Subject: [13434] Non-Radio but geeky
Message-ID: <01BD9B7E.D890E140.bmug@gwl.com>

I'm looking for one of those hand held schedulers/notebooks. TI makes one that sells for around \$100 but in order to get it to work with Outlook 97 it takes about \$65 of more software. I don't have any experience reviewing any of the others and thought this group could help.

Remember, I work with homebuilt stuff (I'm cheep) and I only have minimal use for it but need it as simple as possible.

Opinions?

de KB0ROL, Brad

Date: Fri, 19 Jun 1998 11:45:14 -0700
From: Conrad <radman@best.com>
To: "'DBrown@RFMD.com'" <DBrown@RFMD.com>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [13435] RE: small Gelcel (HSC)
Message-ID: <01BD9B77.B9D68860.radman@best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

RE: small GelCel/sealed lead-acid batts. I've enjoyed a couple of little 12v @ 1.2AH batts measuring 3.75" L x 1.8" W x 2.0" H weighing 1.4 pounds. They're available from HSC Electronic Supply, 3500 Ryder St, Santa Clara, CA 95051. Tell: 1-800-442-5833. URL: <http://www.halted.com> They take plastic and ship UPS. Cost: \$6.95 ea. Minimum mail order = \$10.00.

These batts are labeled "Tempest Power Security Battery" and have a dark blue top with a powder blue lower case. Standard lugs on the top. Nice little battery! I prefer using two of these little guys (sometimes I'll only pack one) rather than one Big Boy. A more flexible way to head to the field for only a couple of hours.

(Just a happy customer)

GL/72 - Conrad Weiss - NN6CW

-----Original Message-----

From: Derek Brown [SMTP:DBrown@RFMD.com]
Sent: Friday, June 19, 1998 8:51 AM
To: Low Power Amateur Radio Discussion
Subject: small Gelcel

>>I'm looking for ways to get my station weight down. <<

Date: Fri, 19 Jun 1998 15:10:33 -0400
From: "Eugene Hall" <evhall@ix.netcom.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Cc: <wa4hhp@amsat.org>
Subject: [13436] Dan's Small Parts
Message-ID: <199806191912.0AA04145@dfw-ix10.ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hi Gang,

I am accumulating parts for a home brew rig and after following the mail here decided to check out Dan's Small Parts web page.

In doing so I noticed he has a number of matched crystal sets advertised presumably for crystal filters.

Has anyone bought any of the sets and built a filter with them?

If so, I'd appreciate a note on the frequency you chose and what your findings were with the filter.

TNX es 72,

Gene WA4HHP Summerville, SC

Date: Fri, 19 Jun 1998 15:33:59 -0400
From: "C. Lamar Derk" <n3at@epix.net>
To: Low power amateur radio discussion <qrp-1@Lehigh.EDU>
Subject: [13437] Elmer 101 Crystals
Message-ID: <358ABD27.62DC@in.epix.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Is there some way of determining which crystals in the filter of SW 40+ go into which locations on the board? Does it really matter, since they are all marked for the same freq?

72 de Lamar
NorCal QRP, ARCI, NJQRP

Date: Fri, 19 Jun 1998 14:40:07 -0500
From: "Kelly Ellison" <kelman@dialnet.net>
To: <qrp-1@Lehigh.EDU>
Subject: [13438] THE QRP SPIRIT
Message-ID: <199806191940.0AA08473@mail.dialnet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hello all,

I wanted relate what happened to me today...

I bought an OHR Classic rig this week from Ken - K5ID near Hot Springs ARK.

I got the package today and opened it when I got a free minute at work. I noticed an article about a Forty-9er on top of the manual for the Classic, and figured he had sent me an article. I thought to myself... that's nice. Then, I unwrapped the OHR Classic and did a visual inspection of the very clean rig. I found the cord and was about to toss out the box when I noticed something else... A Forty-9er! Built in a Limited addition Sucrets can! Taped to it was a note, "49'er, A little something extra :) (little was underlined).

I have to tell you, that I am the manager of a growing Talk Radio Station here in SW Missouri. I am involved in every aspect of the business and get exposed to every element of the human being.. some -

not very pleasant. In fact, I had to let one of the sales girls go this week due to her poor performance (her sales). That's tough. And my faith in the fellow human was starting to waiver a bit... so this gift was something that really made my day. Ever since I got back from Dayton my interest in Ham Radio has been renewed. And this list has had a lot to do with it also. Ken, I hope you don't mind me sharing this story with the QRP-L gang, You are a true gentleman.

Nuff said,

Look for WB0WQS/QRP in Field Day. 73.

Kelly Ellison - WB0WQS
Aurora, Missouri

Date: Fri, 19 Jun 1998 14:51:14 -0500
From: Jim <kj5tf@madisoncounty.net>
To: qrp-l@Lehigh.EDU
Subject: [13439] AR QRP 40M net
Message-ID: <358AC132.75B7@madisoncounty.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

We will be dropping the 40M net temporarily due to the extremely poor conditions and not being able to hear any stations. When conditions improve and the interest is there we will reinstate the net.

The 80M net continues at 7:30 central time on mondays, on 3.560mHz.
Thanks, de Jim KJ5TF

Date: Fri, 19 Jun 98 14:29:23 PDT
From: hartzler <hartzler@abcs.com>
To: qrp-l@Lehigh.EDU
Subject: [13440] Tuned Feeders

Message-ID: <MAPI.Id.0016.006172747a6c657230303038303038303038@MAPI.to.RFC822>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII; X-MAPIextension=".TXT"
Content-Transfer-Encoding: 7bit

I am putting this on QRP-L so that others can correct and add to what I have forgotten or didn't know.

I was hoping that someone else would answer your question. I have heard of tuned feeders and will explain them as best I can remember. There are two ways of doing it.

The first way is an antenna that is an adapted end fed Zepp. use 450 ohm line (if you are not using an antenna tuner you will need to feed it with a 4-1 or 9-1 balun) or 300 ohm (4-1 balun) the length can be figured by figuring the length needed for the end fed Zepp. to shorten it wrap it around a plastic sewer pipe. I believe the minimum diameter 4", 6 to 8 inches is better. Minimum spacing is I THINK note! I think! is 1 and 1/2 inches. for the horizontal run if you don't have enough space for a straight run of wire you can shorten it by wrapping it around a 1 - 2 inch piece of plastic pipe. OR one person said for 80 meters he ran it in a U shape. The shack was in one corner of the house and the wire went around the attic. He said that if he wrapped it on plastic pipe the antenna worked more as a dummy load. I remember that there was a minimum spacing for the turns on the plastic pipe, I don't remember what it was.

The second method I heard of was similar. for this you used two pieces of plastic pipe 1 inch in diameter, joined together at top and bottom with two elbows and a short spacer, I think the space was 1 to 2 inches. Use any antenna wire, some people recommend covered or insulated wire. Wrap each pipe with the exact same length of wire and same number of turns. the horizontal part is made the same way as described in the first antenna.

For both methods make the tuned feeder first. In theory it should be a resonant dummy load. (it will radiate RF) tune it for best SWR then add the horizontal part and tune it, that should be it. The tuned section should not need any further tuning.

I heard this discussion several years ago so I don't remember all the details.

73 & 72

Wayne AA9SP

Date: Fri, 19 Jun 1998 15:51:37 -0400

From: Michael Maiorana <mikemo@ibm.net>
To: n3at@epix.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [13441] Re: Elmer 101 Crystals
Message-ID: <358AC149.FE8@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

C. Lamar Derk wrote:

>

> Is there some way of determining which crystals in the filter of SW 40+
> go into which locations on the board? Does it really matter, since they
> are all marked for the same freq?

All the crystals are the same and are matched at "the factory".
So they can be put in any order.

--

72 de ku4qo
Mike Maiorana
Palm Harbor, FL

"Have a great day, and enjoy whatever liberty you have remaining!"

Date: Fri, 19 Jun 1998 13:41:11 +0000
From: Bob Hightower <ki7mn@dancris.com>
To: qrp-1@Lehigh.EDU
Subject: [13442] Antennas West
Message-ID: <199806192027.NAA14464@user2.dancris.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Anyone know what happened to Antennas West? Their 800 number and regular
number are disconnected, and their e-mail bounces. Maybe I missed an
announcement that they had gone out of business?
Bob Hightower KI7MN <http://www.dancris.com/~ki7mn>

Date: Fri, 19 Jun 1998 16:42:53 EDT
From: RangerSF5@aol.com
To: qrp-1@Lehigh.EDU
Subject: [13443] WHEW!!!Many thanks

Message-ID: <c19ad4a8.358acd4e@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Hi gang

I just want to thank every one who helped me with the DX RV1 station and the url for the P-eanut whistle Xmitter

When you need help, this list is almost like dialing 911.

That's a figure of speech and let's hope none of us will need that

God Bless

Bob

WA2HOQ

Date: Fri, 19 Jun 1998 17:11:24 -0400
From: Richard Sherman <srichard@aldus.northnet.org>
To: qrp-l@Lehigh.EDU
Subject: [13444] 6m info
Message-ID: <3.0.1.32.19980619171124.007f0d80@aldus.northnet.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Me again,

I finally got on 6m at home last night. A friend and I have been trying to find the address for the VHF reflector and the 6m list. All the stuff at w6yx.stanford bounces back as being incorrect. What is the correct address for these? As always, thanks in advance and any help is greatly appreciated.
72 de Rick WZ2T NNY

srichard@northnet.org

---If you're not part of the solution,
You're part of the precipitate.---
Steven Wright

Date: Fri, 19 Jun 1998 17:16:18 -0400
From: Steve <smann@advi.net>
To: qrp-l@Lehigh.EDU
Subject: [13445] Tuned Feeders
Message-ID: <358AD522.35F1@advi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

There's a lot of good info on this on W6RCA's pages at

www.geocities.com/CapeCanaveral/8476/

Steve, N4EY

QRP ARCI

Argonaut 505 and homebrew

Date: Fri, 19 Jun 1998 14:22:09 -0700
From: W7LS <w7ls@blarg.net>
To: qrp-l@Lehigh.EDU
Subject: [13446] FS: British Westclox 3 terminal key
Message-ID: <358AD681.2846@blarg.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi. I have a spare key for sale or trade. It is new. Obviously never been used. It is made by Westclox, has a blacke phenolic looking base and all upper parts are folded stainless or maybe plain steel. It has three terminals on it, not two. The third terminal is normally closed. It has a big black knob on it, like a mushroom. There is absolutely no flex in it, anywhere. Very rugged. \$75 or swap for some qrp goodie. I'm mostly interested in 80 meters, for any trading stock.

73 de Jim, W7LS

Date: Fri, 19 Jun 1998 21:42:12 +0000
From: "Brian K. Short" <bshort@speedchoice.com>
To: qrp-l@Lehigh.EDU
Subject: [13447] OHR Explorer II 30 Meter CW XCVR KIT - UNBUILT
Message-ID: <199806192137.0AA06613@mail.phoenix.speedchoice.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Value of OHR Explorer II 30 Meter CW XCVR KIT - UNBUILT ?

Plans have changed and I'm trying to afford antennas on a rural property. Would like to sell, but unsure of the value...

Advice or offers?

73, Brian

--

"I was firing it up into a dummy load and a guy from Lithuania who was using a crystal set and a grid-dip oscillator gave me a 20-over 599 report."

--

Brian Short k7on@qsl.net <http://www.qsl.net/k7on>
(602)839-3484 1994 E Laguna Dr Tempe, Az 85282

--

Date: Fri, 19 Jun 1998 21:48:35 +0000
From: "Brian K. Short" <bshort@speedchoice.com>
To: qrp-l@Lehigh.EDU
Subject: [13448] FS: Built (and working) 38 Special
Message-ID: <199806192143.0AA06774@mail.phoenix.speedchoice.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Will sell my 30m 38 Special mounted in a nice, attractive TenTec case with TiCK keyer and high power (5w) output.

Original kit cost was \$25 to which I added case, keyer, and final. So, \$35 + 3s/h = \$38 seems fair.

Takers?

73, Brian

--

"Nostalgia is a thing of the past."

--

Brian Short k7on@qsl.net <http://www.qsl.net/k7on>
(602)839-3484 1994 E Laguna Dr Tempe, Az 85282

--

Date: Fri, 19 Jun 1998 14:35:34 -0700
From: donroher@juno.com (DONALD I ROHER)
To: K4AHK@ix.netcom.com
Cc: donroher@juno.com, qrp-1@Lehigh.EDU
Subject: [13449] Re: Peanut whistle URL
Message-ID: <19980619.145130.13094.1.DONROHER@juno.com>

THIS RIG IS BUILT BY BILL HIMSELF ON A SMALL RADIO SHACK BOARD ABT 2"X 3".

TRUST ME THEY WORK.....

I GET ABT ONE WATT, OTHERS REPORT ABT TWO WATTS.

I AM SORRY TO ADMIT THAT THIS IS THE MOST DEPENDABLE XMTR WE HAVE IN THE COLLECTION, ALSO TAKES THE LEAST SPACE. WE USE IT WITH THE ICOM (KNOCK YOU SOCKS OFF) IC-R10 (ABT 1'X 2 1/2 X 6"). THIS MAKES ONE OF THE SMALLEST STATIONS WITH A GOOD RECEIVER YOU CAN PUT TOGETHER WITH OUT BUILDING IT YOURSELF.

On Fri, 19 Jun 1998 06:52:26 -0400 K4AHK@ix.netcom.com writes:
>I looked at the page for the peanut whistle transmitter but did not
>see
>any dimensions for this unit. Anybody know the size of the circuit
>board - L X W X H ?
>
>Bill - K4AHK
>

Date: Fri, 19 Jun 1998 14:27:15 -0700
From: donroher@juno.com (DONALD I ROHER)
To: wb3aal@talon.net
Cc: qrp-1@Lehigh.EDU
Subject: [13450] Re: Help, HW-8 dead!
Message-ID: <19980619.145130.13094.0.DONROHER@juno.com>

EXPERIENCE..... AFTER TWO RIGS ON FIELD DAY WE ALWAYS NOW PUT A TWO TO FIVE AMP RATED DIODE IN SERIES WITH THE B+ LINE FOR OUR BATTERY CONNECTIONS. CHEEP INSURANCE AVAILABLE AT RADIO SHACK..... ABOUT A BUCK.

On Fri, 19 Jun 1998 06:02:49 -0400 "Ron Polityka" <wb3aal@talon.net> writes:
>Hello,

>
> I wonder if anyone out there has experience finding what
> components on a HW-8 go bad when the reverse polarity
> is applied to the rig.
> I just got the new power connector installed on the rig the
> other day and a friend wanted to borrow it to try the HW-8
> out for a few days. I said ok, well I guess I should have said
> No. I had the cable made up so all he had to do is just connect
> it up to the battery the correct way. I even had the ends
> marked positive and negative. Well I got a call last night
> that he turned it on and the rig did not play. After I open
> the HW-8 up I smelled that he burned something in the rig.
> There are no visible signs of anything being toasted.
> I checked the prints and it looks like this is going to be a
> major task since the 13.8 VDC was applied backwards.
>
> Can anyone point me in the correct direction? When you
> connect the power up, the radio does nothing.
>
> Thanks for any information,
> 73, Good DXing & QRPing
> Ron de WB3AAL
>
> E-mail: wb3aal@talon.net
> http://www.kpsnet.com/wb3aal/Start_Page.htm
> BBS: WB3AAL @ WB3FYL.#BER.PA.USA.NA
>
> EPA QRP # 1 QRP # 5318 10-10 # 13173
> QRP-L # 1099 G-QRP # 3031 AK QRP # 309
> Adventure Radio Society #380
> Bumblebee #84
>
>
>

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 19 Jun 1998 14:53:03 -0700 (PDT)
From: David Feldman <dgf@netcom.com>
To: qrp-l@Lehigh.EDU
Subject: [13451] Re: Help, HW-8 dead!
Message-ID: <199806192153.0AA09160@netcom14.netcom.com>

>EXPERIENCE..... AFTER TWO RIGS ON FIELD DAY WE ALWAYS NOW PUT A TWO TO
>FIVE AMP RATED DIODE IN SERIES WITH THE B+ LINE FOR OUR BATTERY
>CONNECTIONS. CHEEP INSURANCE AVAILABLE AT RADIO SHACK..... ABOUT A BUCK.

Actually, I liked the way I saw it done in my old ten-tec argonaut -
they put an internal fuse in series with the DC input line, then a
large diode reverse biased between the (fused) DC input and ground.
The result is the fuse would blow if you hooked up power backwards,
but you didn't take the 0.7V drop under normal operation. I think
nowadays you can get self-resetting circuit breakers that might even
make this a painless fault.

73 Dave WB0GAZ dgf@netcom.com

Date: Fri, 19 Jun 1998 14:55:31 -0800
From: "Russ Carpenter" <russ@natworld.com>
To: "QRP-L List" <qrp-l@Lehigh.EDU>
Subject: [13452] AC6XK Cleans Up in Top of the World!
Message-ID: <199806192155.0AA08516@guppy.pond.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Three intrepid members of Adventure Radio Society climbed mountains for last weekend's Top of the World. Eric, AC6YB, ascended Harvard Peak in Southern California, from whence he contacted 9 stations in 3 grid squares on 2 meter ssb and cw. Russ, AA7QU, climbed to the top of Tidbits Mountain in Oregon and managed to snag 16 stations in 7 grid squares on 2 meter ssb and cw.

But the prize goes to Lorraine, AC6XK. She humbled the boys by hoofing to the top of Mt. San Jacinto (elevation 10,804 feet) in Southern California and contacting 79 stations on 2 meter FM simplex. Fantastic!

Russ Carpenter, AA7QU
Contest Manager

Date: Fri, 19 Jun 1998 16:12:13 -0600
From: w0yse@juno.com (Neil Klagge)
To: qrp-l@Lehigh.EDU
Subject: [13453] F.S.-2m beam, Archerotor
Message-ID: <19980619.161215.6686.0.w0yse@juno.com>

Gang,

After my last move, I no longer need my TV-FM antenna rotator nor my 2 meter beam. I am now close to plenty of repeaters.

Radio Shack Archerotor #15-1225 which lists for \$64.99, but I'll part with it for \$45 shipped CONUS. It is hardly used and in original box w/instructions. The 3-conductor cable (about 50 ft) is included. Looks brand new.

The beam is an Arrow 4 element portable beam. It was used for about a year before I bought the rotor. A few months later I moved. I believe I paid 60-70 dollars for it. Asking \$30 shipped CONUS.

Please respond by direct email to w0yse@juno.com
Thanks,

---72/73's
Neil, w0yse since '54
now from Layton, Utah

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 19 Jun 1998 18:13:51 -0400
From: "Ed Pacyna" <pacyna@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [13454] FS: PCB for 20W Low Distortion Linear Amplifier
Message-ID: <002101bd9bcf\$dfdbc720\$6a66440c@ed>

I have 1 printed circuit board (PCB), soder plated and drilled, as shown in Figure 5 of Motorola application note AN779.

This application note describes a low distortion push pull stable linear amplifier capable of up to 20W PEP output, using low cost components (MRF 476, MRF475 or NTE236, NTE235) from 160 to 10M. The amplifier is capable of 25dB + gain and full output requires less than 100mW of drive.

Price is \$15 (Copy of application note add \$1) + shipping.

Note: I can also provide other parts needed to build the amplifier.

Date: Fri, 19 Jun 1998 18:16:14 -0400
From: "Ed Pacyna" <pacyna@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [13455] FS: MFJ 815B SWR/Power Meter
Message-ID: <002201bd9bcf\$e36dc780\$6a66440c@ed>

New condition, MFJ 815B Deluxe HF SWR/Power meter (reads peak or average).

Covers 160 to 6 meters with 2000/500 & 200/50 watt ranges.

Price is \$45 + ship

Ed, W1AAZ

Date: Fri, 19 Jun 1998 15:15:58 -0700
From: Bill Jones <kd7s@psnw.com>
To: qrp-l@Lehigh.EDU
Subject: [13456] Re: AC6XK Cleans Up in Top of the World!
Message-ID: <358AE31D.6078F307@psnw.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Wow! Lorraine didn't just "clean up," she cleaned house. Of course we all expect a full, detailed report to appear in The ARS Sojourner. Congratulations, Lorraine, Eric and Russ.

Russ Carpenter wrote:

> Three intrepid members of Adventure Radio Society climbed mountains for last

> weekend's Top of the World. Eric, AC6YB, ascended Harvard Peak in Southern
> California, from whence he contacted 9 stations in 3 grid squares on 2 meter
> ssb and cw. Russ, AA7QU, climbed to the top of Tidbits Mountain in Oregon
> and managed to snag 16 stations in 7 grid squares on 2 meter ssb and cw.
>
> But the prize goes to Lorraine, AC6XK. She humbled the boys by hoofing to
> the top of Mt. San Jacinto (elevation 10,804 feet) in Southern California and
> contacting 79 stations on 2 meter FM simplex. Fantastic!

=====
Bill Jones - KD7S <><
Sanger, California
<http://www.psnw.com/~kd7s>
=====

Date: Fri, 19 Jun 1998 18:18:34 -0400
From: "Ed Pacyna" <pacyna@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [13457] FS: Antenna tuner
Message-ID: <003601bd9bd0\$3381f660\$6a66440c@ed>

L Network HF antenna tuner.

Compact size (Grey enclosure, 6" W x 4 1/2" H x 8" D) using highest
quality parts (Johnson 18 uH roller inductor, Johnson 250pF variable
capacitor, B&W turns counter) and can handle from QRP to 2KW. Price is
\$125 + ship.

Ed, W1AAZ

Date: Fri, 19 Jun 1998 18:43:52 EDT
From: FrConrad@aol.com
To: QRP-L@Lehigh.EDU
Subject: [13458] Re: Calling CQ and deep meanings.

Message-ID: <97e942eb.358ae9a9@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Someone posted a question about the...

"...deepest meaning..."

of calling CQ.

I suppose it is an electronic expression of the hope that we are not alone.

That's not exactly the Mariana Trench. But then again, sometimes a post hole will suffice.

Pax et Lux,

John+

Date: Fri, 19 Jun 1998 15:54:14 -0700
From: Wayne Burdick <n6kr@elecraft.com>
To: qrp-l@Lehigh.EDU
Subject: [13459] Field Day with the K2 - an invitation
Message-ID: <v03102806b1b09c4839c0@[206.169.228.241]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi gang,

For the past two years, Eric and I have set up our FD station at Henry Coe State Park south of San Jose, CA. The first time we went up, the K2 was just a gleam in our eye and a sketch on the back of a log page. Last year, it was a rough draft--a heavily marked-up schematic, some color drawings. But we always knew that the K2 was destined to be a real radio, and we're both looking forward to the yearly pilgrimage to Henry Coe, this time to undertake the first serious field test for the K2.

With this in mind, we'd like to invite anyone who'd like to take a test drive on the K2 to join us for all or part of the FD weekend. We're hoping to arrive early and stake out a great campsite for our usual 1B, 2-Op effort. But this year, the idea is to have as many operators as possible give us feedback on the K2, not to come in first in our class. The operating position will be the cozy dining table of my '83 VW Westphalia camper. It will be a far more social FD than usual for us, hopefully with

a chance to get to know some of you better while taking lots of notes on how the K2 stacks up.

Although we've been showing the K2 off at NorCal meetings and of course at Dayton, FD '98 will mark the first time that some built-in K2 options will appear. With a bit of luck, both K2s will be outfitted with:

- (1) Internal 3AH gel-cell battery with float charger. The battery is held securely in place by a custom aluminum sub-panel inside the lid.
(For charging, an external regulated 14.0V supply or solar panel is required.)
- (2) QRP (20W) automatic antenna tuner (ATU) with SWR bridge and front-panel controlled dual antenna switch. Uses latching relays for near-zero (~3mA) current drain except when changing L/C settings. Both antenna settings stored in EEPROM (2 per band) for fast A/B checks. Processor is only awake when changing settings, so there's no RX noise.
Size: Approx. 1.0 x 1.4 x 5.8", 2-board stack, no surface mount parts.

Henry Coe isn't exactly the redwoods, but it has decent elevation, nice big oak trees, and a straight shot east and south. Weather can range from quite cool and windy to sunny and searing. Eric has provided a link to the Henry Coe website on the Elecraft home page, complete with photos and directions. We have a lot of work to do to pull this together, so we'd appreciate it if you'd let us know when and if you might make it. (We'll bring the (ahem) soft drinks.) Please send your RSVP to N6KR@elecraft.com.

73 and best of luck at FD,
Wayne, N6KR
& Eric, WA6HHQ

<http://www.elecraft.com>

Date: Fri, 19 Jun 1998 16:11:00 -0700 (PDT)
From: David J Adams <adamsclan@netgate.net>
To: bshort@speedchoice.com, qrp-1@Lehigh.EDU
Subject: [13460] Re: OHR Explorer II 30 Meter CW XCVR KIT - UNBUILT

Message-ID: <199806192311.QAA23024@u1.netgate.net>

End of QRP-L Digest 1127
